

Use Attainability Analysis

for

WBID 2672 South Ashley Creek

Submitted by

Missouri Department of Natural Resources Staff

To

Missouri Department of Natural Resources
Water Protection Program

Date Received: July 18, 2005

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): South Ashley Creek	
8-digit EUC: 11010008	DATE: 06/29/05
Missouri WBID #: 2672	JUL 1 2005
County: Texas	UNIT: 11010008
Upstream Legal Description: SE1/4 NE1/4 Sec.18 T.31N., R.7W.	
Downstream Legal Description: SW1/4 NW1/4 Sec.9 T.31N., R.7W.	
Upstream Coordinates: N. 37.40085	W. 91.72089
Downstream Coordinates: N. 37.38905	W. 91.74433
Discharger Facility Name(s): NA	
Discharger Permit Number(s): NA	
Number of Sites Evaluated: 3	
Name of Surveyor and Telephone Number: Dennis M. Meinert Leon Thompson 314-416-2960	
Organization: Department of Natural Resources, SWCP	
Position: Soil Scientist	

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dennis M. Meinert

Date: 06/29/05

September 29, 2004

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB2672-01	Site Location Description: SW1/4 NW1/4 Sec.9 T.31N., R.7W.		
Site GPS Coordinates: N. 37.38905 W. 91.74433			
Date & Time: 06/29/05 3:45 pm	Facility Name: NA		
Personnel: Dennis Meinert, Leon Thompson	Permit Number: NA		
Current Weather Conditions: Partly Cloudy	Weather Conditions for Past 7 days: Clear, sunny		
Photo Ids: Upstream: WBU2672-01	Downstream: WBD2672-01	Other:	

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin Diving	<input type="checkbox"/> Scuba diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input type="checkbox"/> Steep slopes	<input checked="" type="checkbox"/> Other: Private property,	

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input checked="" type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input type="checkbox"/> Other:				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2672-01

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft): 14'	Length (ft): 106'	Avg. Depth (ft): 3"	Max. Depth (ft): 4"
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 27'	Length (ft): 116'	Avg. Depth (ft): 6"	Max. Depth (ft): 1'
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Substrate*: (These values should add up to 100%.)

10% Cobble	90% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

10% Water cress in riffle area. 10% algae on rocks.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Crayfish, minnows and snails observed.

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I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed: Dennis M. Meiner

Date: 06/29/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2672-Downstream #1



WBID 2672-Upstream #1



Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB2672-02	Site Location Description: SE1/4 SW1/4 SEC.8 T.31N. R.7W.		
Site GPS Coordinates: N. 37.39457 W. 91.73211			
Date & Time: 06/29/05 5:20 pm	Facility Name: NA		
Personnel: Dennis Meinert Leon Thompson	Permit Number: NA		
Current Weather Conditions: Clear, Sunny	Weather Conditions for Past 7 days: Clear, sunny		
Photo Ids: Upstream: WBU2672-02	Downstream: WBD2672-02	Other:	

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin Diving	<input type="checkbox"/> Scuba diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:

Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other:	

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: None				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2672-02

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 21'	Length (ft): 63'	Avg. Depth (ft): 18"	Max. Depth (ft): 25"
Flow	Present?	Yes No	Estimated (ft ³ /sec):	

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 28'	Length (ft): 79'	Avg. Depth (ft): 1'	Max. Depth (ft): 19"
Flow	Present?	Yes No	Estimated (ft ³ /sec):	

Substrate*: (These values should add up to 100%.)

10% Cobble	75% Gravel	10% Sand	5% Silt	% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

30% Aquatic vegetation.

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other:
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Crawfish, bullfrogs and minnows observed. Pools are a result of beaver dams.

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Signed: Dennis M. Meiner

Date: 06/29/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2672-Downstream #2



WBID 2672-Upstream #2



Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: WB2672-03	Site Location Description: SE1/4 NE1/4 Sec.18 T.31N., R.7W.		
Site GPS Coordinates: N. 37.40085		W. 91.72089	
Date & Time: 06/29/05 4:20 pm		Facility Name: NA	
Personnel: Dennis Meinert, Leon Thompson		Permit Number: NA	
Current Weather Conditions: Mostly sunny		Weather Conditions for Past 7 days: Clear, sunny	
Photo Ids: Upstream: WBU2672-03	Downstream: WBD2672-03	Other:	

Uses Observed*:

<input type="checkbox"/> Swimming	<input type="checkbox"/> Skin Diving	<input type="checkbox"/> Scuba diving	<input type="checkbox"/> Tubing	<input type="checkbox"/> Water skiing
<input type="checkbox"/> Wind surfing	<input type="checkbox"/> Kayaking	<input type="checkbox"/> Boating	<input type="checkbox"/> Wading	<input type="checkbox"/> Rafting
<input type="checkbox"/> Hunting	<input type="checkbox"/> Trapping	<input type="checkbox"/> Fishing	<input checked="" type="checkbox"/> None of the above	<input type="checkbox"/> Other:
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)				

Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.)

<input type="checkbox"/> City/county parks	<input type="checkbox"/> Playgrounds	<input type="checkbox"/> MDC conservation lands	<input type="checkbox"/> Urban areas	<input type="checkbox"/> Campgrounds
<input type="checkbox"/> Boating accesses	<input type="checkbox"/> State parks	<input type="checkbox"/> National forests	<input type="checkbox"/> Nature trails	<input type="checkbox"/> Stairs/walkway
<input type="checkbox"/> No trespass sign	<input type="checkbox"/> Fence	<input checked="" type="checkbox"/> Steep slopes	<input type="checkbox"/> Other: Private property, no access	

Evidence of Human Use*:

<input type="checkbox"/> Roads	<input type="checkbox"/> Foot paths/prints	<input type="checkbox"/> Dock/platform	<input type="checkbox"/> Livestock Watering	<input type="checkbox"/> RV / ATV Tracks
<input type="checkbox"/> Rope swing	<input type="checkbox"/> Camping Sites	<input type="checkbox"/> Fire pit/ring	<input type="checkbox"/> NPDES Discharge	<input type="checkbox"/> Fishing Tackle
<input checked="" type="checkbox"/> Other: None				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Field Data Sheet for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

Page Two - WBID #: WB2672-03

Stream Morphology:

Upstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft): 6'	Length (ft): 45'	Avg. Depth (ft): 7"	Max. Depth (ft): 11"
Pool	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Downstream View Physical Dimensions:

Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
Pool	Width (ft): 30'	Length (ft): 128'	Avg. Depth (ft): 2'	Max. Depth (ft): 3'
Flow	Present?	Yes	No	Estimated (ft ³ /sec):

Substrate*: (These values should add up to 100%.)

2% Cobble	70 Gravel	10% Sand	10% Silt	8% Mud/Clay	% Bedrock
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Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site)

None

Water Characteristics*: (Mark all that apply.)

Odor:	Sewage	Musky	Chemical	None	Other: Organic
Color:	Clear	Green	Gray	Milky	Other:
Bottom Deposit:	Sludge	Solids	Fine sediments	None	Other:
Surface Deposit:	Oil	Scum	Foam	None	Other:

Comments: Minnows, crawfish, tadpoles observed.

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Signed: Dennis M. Meinert

Date: 06/29/05

Organization: Department of Natural Resources SWCP

Position: Soil Scientist

WBID 2672-Downstream #3



WBID 2672-Upstream #3



STREAM NAME

South Ashley Creek

PHOTO	WBID	UP	DOWN	USE	COMMENTS
1	2672	X		Cattle watering	Riffle
2	2672		X	Cattle watering	Pool
3	2672	X		No use	Pool
4	2672		X	No use	Pool
5	2672	X		No use	Run
6	2672		X	No use	Pool
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